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**From:** Smallbeck, Donald R. [donald.smallbeck@woodplc.com]  
**Sent:** 1/29/2019 4:57:57 PM  
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**Subject:** ST012 Site Activities

Activities Through Last Week (1/25)

- SVE Operation
- LNAPL checks
- Continued extraction and treatment- 57.8 gpm reading on 1/23, ~12.7 million total gallons treated since startup of EBR extraction.
- Extraction pump replacements/repairs implemented
- Operating Extraction Wells: CZ07, CZ18, CZ21, UWBZ21, UWBZ22, UWBZ26, UWBZ27, UWBZ30, LSZ09, LSZ11, LSZ12, LSZ23, LSZ37, LSZ38, LSZ39, UWBZ28/LSZ51
- Extraction Wells Currently Down: none
- Extraction Wells Removed from Pilot Plan (FVM 7): CZ19, LSZ28, LSZ29
- Extraction Wells to be Added to Pilot Plan in future (FVM7): UWBZ25, LSZ43
- Replaced variable frequency drive for catalytic oxidizer on 1/23/19. Successful restarted. Shut down on 1/25 due to high condensate from air stripper. Low ambient temperature generating high moisture from air stripper
- Injections into UWBZ33:
  - 4 tons sodium sulfate mixed into 10,000 gallons 1/9-1/10/19
  - 5 tons in 10,000 gallons 1/16-1/17/19
  - 4 tons in 10,000 gallons 1/24-1/25/19

This week (1/28-2/1)

- SVE Operation
- Continue extraction
- Inject sulfate at UWBZ36
- Oxidizer move scheduled for 2/1/19

Next Week (2/4-2/8)

- SVE Operation
- Continue extraction
- Receive additional sodium sulfate shipment
- Mix additional batch(es) for injections in UWBZ (depending on timing of receipt of shipment)
- Change over SVE from flame oxidizer to oxidizer from ST035

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